PCDH20 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	PCDH20, Monoclonal Antibody
Full Product Name	PCDH20 (Protocadherin 20, FLJ22218, PCDH13) (AP)
Product Gene Name	anti-PCDH20 antibody
Product Synonym Names	Protocadherin 20; FLJ22218; PCDH13
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1B7
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified
Specificity	Recognizes PCDH20.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
OMIM	614449
3D Structure	ModBase 3D Structure for Q8N6Y1
Immunogen	PCDH20 (NP_073754, 395aa-494aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	RPPEIVPRYIANEIDGVVYLKELEPVNTPIAFFTIRDPEGKYKVNCYLDGEGPFRLSPYKPYNNEYLLETTKPMDYELQQFYEVAVVAWNSEGFHVKRVI
Conjugate	AP
Product Categories/Family for anti-PCDH20 antibody	Antibodies; Cadherin
Applications Tested/Suitable for anti-PCDH20 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-PCDH20 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-PCDH20 antibody	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. This gene encodes a protein which contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins. Although its specific function is undetermined, the cadherin-related neuronal receptor is thought to play a role in the establishment and function of specific cell-cell connections in the brain. [provided by RefSeq]

Other Notes	Small volumes of anti-PCDH20 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PCDH20 purchase	MBS6165031 is an antibody targeting PCDH20. Also known as PCDH20 (Protocadherin 20, FLJ22218, PCDH13) (AP). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PCDH20. It may not necessarily be applicable to this product.

NCBI GI #	190194360
NCBI Accession #	NP_073754
UniProt Primary Accession #	Q8N6Y1
GenBank Nucleotide #	NP_073754.2
NCBI Official Full Name	protocadherin-20
UniProt Protein Name	Protocadherin-20
UniProt Synonym Protein Names	Protocadherin-13
Protein Family	Protocadherin
UniProt Gene Name	PCDH20
UniProt Synonym Gene Names	PCDH13
UniProt Entry Name	PCD20_HUMAN
UniProt Comments for PCDH20	PCDH20: Potential calcium-dependent cell-adhesion protein. Protein type: Cell adhesion; Membrane protein, integral Chromosomal Location of Human Ortholog: 13q21 Cellular Component: integral to membrane; plasma membrane Molecular Function: calcium ion binding Biological Process: homophilic cell adhesion
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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